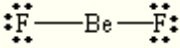
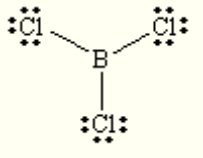
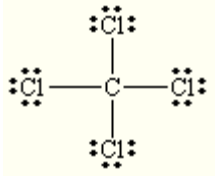
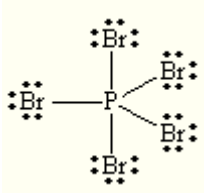
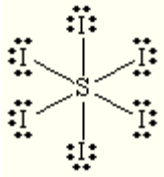
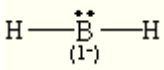
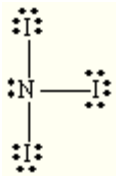
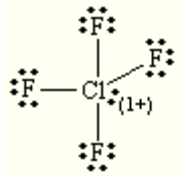
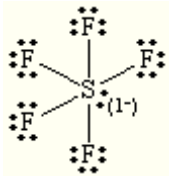


***For the following species:***



- Draw the best Lewis structure
  - Predict the electron domain geometry
  - Predict the molecular geometry
  - Predict the polarity of the molecule
-

Species	Lewis Structure	Electron Domain Geometry	Molecular Geometry	Polarity
<b>BeF<sub>2</sub></b>		linear	linear	Nonpolar
<b>BCl<sub>3</sub></b>		trigonal planar	trigonal planar	Nonpolar
<b>CCl<sub>4</sub></b>		tetrahedral	tetrahedral	Nonpolar
<b>PBr<sub>5</sub></b>		trigonal bipyramidal	trigonal bipyramidal	Nonpolar
<b>SI<sub>6</sub></b>		octahedral	octahedral	Nonpolar
<b>BH<sub>2</sub><sup>-</sup></b>		trigonal planar	bent	Polar

<b>NI<sub>3</sub></b>		tetrahedral	trigonal pyramidal	Polar
<b>ClF<sub>4</sub><sup>+</sup></b>		trigonal bipyramidal	see saw	Polar
<b>SF<sub>5</sub><sup>-</sup></b>		octahedral	square pyramidal	Polar